

**Coachella Valley Base Year and Attainment Year Baseline Emissions Inventories  
in 2016 AQMP and 2018 SIP Update (summer planning inventory, tpd)**

Category	2012 NOx			2012 VOC		
	AQMP	Update	Difference	AQMP	Update	Difference
Stationary and Area Sources	NA	1.2	NA	NA	6.4	NA
On-Road Mobile Sources	NA	18.9	NA	NA	6.4	NA
Off-Road Mobile Sources	NA	6.5	NA	NA	3.7	NA
Totals	27.1	26.6	-0.7	14.1	16.5	+2.4
Category	2026 NOx			2026 VOC		
	AQMP	Update	Difference	AQMP	Update	Difference
Stationary and Area Sources	NA	1.4	NA	NA	8.8	NA
On-Road Mobile Sources	4.1	4.1	0	2.9	2.9	0
Off-Road Mobile Sources	NA	3.6	NA	NA	3.3	NA
Totals	10.3	9.1	-1.2	12.8	15.1	+2.7
Totals (plus MVEB rounding up) <sup>a</sup>	11.2	9.2	-2.0	12.9	15.2	+2.7

<sup>a</sup> Includes emissions from CARB convention use of “rounding up” motor vehicle emissions budgets. See tables VI-D-2 (Appendix VI of 2016 AQMP) and VII-3 (2018 SIP Update) below.

NA means not available because information was not included in 2016 AQMP.

**Table VI-D-2. Transportation Conformity Budgets\* for the 2008 8-hour Ozone standard  
in the Coachella Valley**

Coachella Valley (tons per summer day)	2015		2021		2024		2026	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
Baseline Emissions	4.24	9.98	3.46	7.47	3.10	4.37	2.93	4.12
Total	4.24	9.98	3.46	7.47	3.10	4.37	2.93	4.12
Conformity Budget	5	10	4	8	4	5	3	5

\*Budgets calculated with EMFAC2014 using SCAG 2015 RTP activity. Budgets are rounded up to the nearest ton.

**Table VII-3. Transportation Conformity Budgets for the 75 ppb 8-hour Ozone  
Standard in the Coachella Valley Ozone Nonattainment Area  
(tpd, summer planning inventory)**

Coachella Valley Ozone Nonattainment Area	2020		2023		2026	
	ROG	NOx	ROG	NOx	ROG	NOx
Baseline Emissions	3.62	8.32	3.20	4.50	2.93	4.11
Total	3.62	8.32	3.20	4.50	2.93	4.11
Conformity (Emissions) Budget	3.7	8.4	3.3*	4.6*	3.0	4.2

\* As budgets are rounded up to nearest tenth (0.1), the significant digit convention in Table VII-3 do not display the additional emissions that result in the final rounded values (i.e., ROG budget of 3.3 was rounded up from 3.203 and NOx budget of 4.6 was rounded up from 4.504)

**Table VII-1. Coachella Valley Emission Inventory**  
(tpd, summer planning inventory)

Source Category	ROG					
	2011	2012	2017	2020	2023	2026
Stationary and Area-wide	6.1	6.4	7.0	7.7	8.3	8.8
On-road Mobile	7.0	6.4	4.4	3.6	3.2	2.9
Off-road Mobile	3.8	3.7	3.4	3.2	3.2	3.3
<b>Total</b>	<b>16.9</b>	<b>16.5</b>	<b>14.8</b>	<b>14.5</b>	<b>14.7</b>	<b>15.1</b>
Source Category	NOx					
	2011	2012	2017	2020	2023	2026
Stationary and Area-wide	1.1	1.2	1.4	1.4	1.4	1.4
On-road Mobile	22.2	18.9	10.8	8.4	4.5	4.1
Off-road Mobile	6.5	6.5	5.9	5.1	4.3	3.6
<b>Total</b>	<b>29.8</b>	<b>26.6</b>	<b>18.1</b>	<b>14.9</b>	<b>10.2</b>	<b>9.1</b>

Note: numbers may not add up due to rounding

**TABLE 7-5**

Coachella Valley Annual Average Emissions for Base Year (2012) and Future Years, without Further Controls

COACHELLA VALLEY EMISSIONS (Tons/Day)							
YEAR	VOC	NOx	CO	SOx	PM10	PM2.5	NH <sub>3</sub>
2012	14.1	27.1	59.7	0.2	15.2	3.4	2.4
2019	12.6	16.8	45.3	0.2	21.7	3.7	2.3
2021	12.6	14.7	43.6	0.2	23.3	3.9	2.3
2022	12.6	13.7	43.2	0.2	23.7	3.9	2.3
2023	12.6	11.2	43.0	0.2	24.3	4.0	2.3
2025	12.7	10.5	42.8	0.2	25.3	4.1	2.4
2026	12.8	10.3	43.1	0.2	25.8	4.2	2.4
2031	13.5	9.4	45.7	0.2	28.6	4.6	2.5